ABSTRACT

METHOD AND SYSTEM FOR AUTOMATICALLY PROVISIONING
AN OVERHEAD BYTE

An exemplary embodiment of the invention is a communications device for use in a communications network. The communications device includes a plurality of interface ports, each of the interface ports receiving a first signal in a first format. A processor is coupled to the interface ports and receives the first signals. The processor provisions an overhead byte associated with one of the first signals and multiplexes the first signals to generate a multiplexed signal. A framer receives the multiplexed signal and the provisioned overhead byte and places the multiplexed signal in a second format to provide a second signal for transmission on the communications network.